

We claim:

1. A toy glider system comprising:
 - (a) a glider, comprising:
 - pivoting wings, and
 - a proximally-open receptacle; and
 - (b) a launcher operable to launch said glider, comprising:
 - a support member configured to be received by said receptacle,
 - a pneumatic pressure source, and
 - a launch feature configured to selectively communicate a pressurized medium from said pressure source to impinge said pressurized medium against said glider.
2. The toy glider system of claim 1, wherein said glider further comprises a fuselage, said fuselage comprising said receptacle.
3. The toy glider system of claim 1, wherein said receptacle is cylindrical, wherein said support member is comprised of a tube configured to slidably engage with said receptacle.
4. The toy glider system of claim 1, wherein said support member includes said launch feature at a distal end of said support member.
5. The toy glider system of claim 4, wherein said launch feature is comprised of a hole at a distal end of said support member.
6. The toy glider system of claim 1, wherein said pneumatic pressure source further comprises a manual pump.
7. The toy glider system of claim 6, wherein said manual pump includes a release valve feature, wherein said release valve feature is responsive to the amount of pressure created by the pump, wherein said release valve feature provides a maximum amount of pressure that may be created by the pump.

8. The toy glider system of claim 5, said glider further comprising
- (a) a fuselage having a front end and a rear end;
 - (b) a nose attached to said front end of said fuselage;
 - (c) one or more tail stabilizers attached to said rear end of said fuselage; and
 - (d) a wing sweep mechanism comprising:
 - an annular member having a clasp,
 - a collar member, wherein said annular member is hingedly attached to said collar member,
 - one or more pivot support members comprising a first end and a second end and hooks near said first end, wherein said support members are hingedly attached at said first end of said support members to said collar member, wherein said wings are attached to said support members, and
 - an elastic member, wherein said elastic member is connected to said hooks,wherein said clasp is configured to engage each said first end of said support members.
9. The toy glider system of claim 8, wherein said annular member is configured to disengage said clasp with each said first end of said support members upon launch of said glider.
10. A toy glider system comprising:
- (a) a glider, comprising
 - pivoting wings, and
 - a wing sweep mechanism comprising a locking mechanism, wherein said locking mechanism is operable to hold said wings in a retracted position when said locking mechanism is in a locked position, wherein said wing sweep mechanism operable to urge said wings to an extended position when said locking mechanism is in an unlocked position; and
 - (b) a launcher operable to launch said glider;
- wherein said locking mechanism is configured to change from said locked position to said unlocked position when said glider is launched from said launcher.

11. A launcher operable to launch projectiles with a pressurized medium approximately within a generally upward, non-vertical angular range, the launcher comprising:
 - (a) a launch guide configured to guide the angle at which projectiles are launched from the launcher;
 - (b) a trigger;
 - (c) a linkage configured to cause a projectile to be launched from the launcher in response to communication of actuation of said trigger; and
 - (d) a safety feature responsive to the angle at which said launch guide is oriented, wherein said safety feature is configured to enable communication of actuation of said trigger to said linkage in response to said launch guide being oriented approximately within a generally upward, non-vertical angular range.
12. The launcher of claim 11, wherein said safety feature is configured to block at least partial actuation of said trigger and thereby prevent communication of actuation of said trigger to said linkage in response to said launch guide being oriented approximately outside said generally upward, non-vertical angular range.
13. The launcher of claim 11, wherein said safety feature is configured to communicate actuation of said trigger to said linkage in response to said launch guide being oriented approximately within said generally upward, non-vertical angular range.
14. A toy glider system, comprising:
 - (a) a glider, said glider comprising
wings, and
a means to pivot said wings; and
 - (b) a launcher, said launcher comprising
a means to launch said glider, and
a means to limit an angular range within which said glider may be launched from said launcher.